



Water-Data Report NV-2005

10311089 NORTH FORK KINGS CANYON DIVERSION NEAR CARSON CITY, NV

CARSON RIVER BASIN, UPPER CARSON RIVER BASIN

LOCATION.--Lat 39°09'18", long 119°48'58" referenced to North American Datum of 1927, in NE ¼ NW ¼ sec.23, T.15 N., R.19 E., Carson City, Hydrologic Unit 16050201, on left bank, 2.9 mi west of Carson Street off Kings Canyon Road.

DRAINAGE AREA.--1.83 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--Mar 1989 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,500 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.-- No estimated daily discharges. Records fair. Periodic regulation for municipal use.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 5.7 ft³/s, Jan 7, 1997, maximum gage height, 3.96 ft, Jan 2, 1997; no flow at times, some years, due to head gate regulation upstream.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 5.3 ft³/s, Mar 27, 28, gage height, 2.96 ft; minimum daily discharge, 0.09 ft³/s, Oct 18, 19.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.1	1.2	0.79	0.66	1.0	0.91	0.95	1.4	2.1	2.5	2.1	2.3
2	0.72	1.2	0.79	0.95	1.0	0.93	0.59	1.4	2.2	1.7	2.0	2.3
3	1.1	1.2	0.79	0.94	1.0	0.95	0.91	1.4	2.2	2.5	2.0	1.5
4	1.1	1.2	0.80	0.95	1.00	0.95	0.91	1.4	1.5	2.6	2.2	2.4
5	1.1	1.2	0.83	0.97	0.66	0.63	0.94	1.4	2.2	2.6	2.2	2.4
6	1.1	0.87	0.83	0.99	0.99	0.92	0.95	1.4	2.2	2.6	1.4	2.2
7	1.1	1.2	0.85	1.0	1.0	0.93	0.95	0.98	2.2	2.5	2.2	2.2
8	1.1	1.2	0.74	0.70	0.98	0.93	0.98	1.4	2.2	2.5	2.2	2.2
9	0.73	1.2	0.98	1.0	0.91	0.95	0.65	1.4	2.2	1.7	2.3	2.3
10	1.1	1.2	0.97	1.0	0.91	0.96	0.99	1.4	2.2	2.5	2.3	1.6
11	1.1	1.2	0.63	1.0	0.91	0.96	0.99	1.4	1.6	2.6	2.3	2.3
12	1.1	1.2	0.92	0.99	0.62	0.63	0.97	1.4	2.3	2.5	2.2	2.2
13	1.1	0.87	0.91	0.99	0.95	0.97	0.95	1.4	2.4	2.4	1.5	2.3
14	1.1	1.2	0.92	0.99	0.95	0.98	0.95	1.0	2.4	2.4	2.3	2.3
15	1.1	1.2	0.91	0.66	0.95	0.99	0.98	1.6	2.4	2.4	2.3	2.3
16	0.77	1.2	0.91	1.0	0.95	0.99	0.69	1.7	2.4	1.6	2.3	2.3
17	1.0	1.2	0.91	1.0	0.95	0.97	1.2	1.7	2.4	2.4	2.3	1.6
18	0.09	1.2	0.58	1.0	0.95	0.96	1.2	1.6	1.7	2.2	2.3	2.3
19	0.09	1.2	0.91	1.0	0.61	0.63	1.2	1.7	2.4	1.7	2.3	2.3
20	0.72	0.86	0.91	1.0	0.89	0.97	1.2	1.7	2.5	2.3	1.5	2.3
21	1.2	1.2	0.91	1.0	0.91	0.99	1.2	1.2	2.5	2.2	2.3	2.3
22	1.3	1.2	0.91	0.69	0.91	0.99	1.2	1.7	2.5	2.2	2.3	2.3
23	0.87	1.2	0.95	1.0	0.91	0.99	0.79	1.7	2.5	1.4	2.3	2.3
24	1.2	1.2	1.0	1.0	0.91	0.99	1.2	1.7	2.5	2.3	2.3	1.6
25	1.2	1.1	0.61	1.1	0.91	0.99	1.2	1.7	1.8	2.3	2.3	2.4
26	1.2	1.1	0.98	1.1	0.62	0.64	1.2	1.7	2.5	2.3	2.3	2.3
27	1.2	0.75	0.99	1.1	0.91	1.6	1.2	1.8	2.5	2.3	1.4	2.4
28	1.2	1.2	0.99	1.0	0.91	2.4	1.2	1.3	2.5	2.3	2.2	2.3
29	1.2	1.2	0.99	0.70	---	0.99	1.3	1.8	2.5	2.2	2.3	2.4
30	0.88	0.84	0.97	1.0	---	0.95	0.90	1.9	2.5	1.4	2.3	2.4
31	1.2	---	0.97	1.0	---	0.95	---	1.9	---	2.1	2.3	---
Total	31.07	33.99	27.15	29.48	25.17	30.59	30.54	47.18	68.0	69.2	66.5	66.3
Mean	1.00	1.13	0.88	0.95	0.90	0.99	1.02	1.52	2.27	2.23	2.15	2.21
Max	1.3	1.2	1.0	1.1	1.0	2.4	1.3	1.9	2.5	2.6	2.3	2.4
Min	0.09	0.75	0.58	0.66	0.61	0.63	0.59	0.98	1.5	1.4	1.4	1.5
Ac-ft	62	67	54	58	50	61	61	94	135	137	132	132

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	1.23	1.57	1.37	1.24	1.13	1.23	1.26	1.27	1.66	1.66	1.43	1.19
Max	3.31	3.69	3.05	3.15	2.52	3.08	3.17	3.77	4.65	4.50	3.25	2.66
(WY)	(1999)	(1996)	(1997)	(1998)	(1998)	(1999)	(1997)	(1997)	(1996)	(1996)	(1995)	(1996)
Min	0.32	0.28	0.29	0.29	0.33	0.38	0.22	0.17	0.23	0.23	0.20	0.26
(WY)	(1992)	(1993)	(1992)	(1992)	(1992)	(1992)	(1989)	(1992)	(1992)	(1992)	(1992)	(1992)

10311089 NORTH FORK KINGS CANYON DIVERSION NEAR CARSON CITY, NV—Continued**SUMMARY STATISTICS**

	Calendar Year 2004		Water Year 2005		Water Years 1989 - 2005	
Annual total	342.45		525.17			
Annual mean	0.94		1.44		1.38	
Highest annual mean					2.90	1996
Lowest annual mean					0.31	1992
Highest daily mean	2.3	Mar 30	2.6	Jul 4	5.7	Jan 7, 1997
Lowest daily mean	0.09	Oct 18	0.09	Oct 18	0.00	Mar 9, 1995
Annual seven-day minimum	0.70	Oct 14	0.70	Oct 14	0.11	May 17, 1992
Annual runoff (ac-ft)	679		1,040		997	
10 percent exceeds	1.2		2.4		3.0	
50 percent exceeds	0.95		1.2		0.99	
90 percent exceeds	0.70		0.86		0.31	